

Intensifier ci

Doubles the speed of the Macintosh IIci

Siclone Sales and Engineering proudly presents **Intensifier ci**, the ultimate power tool for the Macintosh IIci. **Intensifier ci** fits neatly in the cache connector, but it is actually much more than a cache card. We start with an advanced 64K direct mapped cache. Then we add Motorola's fastest 68030 CPU made yet, clocked at a blazing 50MHz!

If you're a professional publisher, a color pre-press or graphic artist, an architectural or electronic engineer, a programmer, or a multimedia wizard, **Intensifier ci** will knock your socks off when you see how

fast it runs your applications. Imagine using the powerful Macintosh IIci at 25MHz - now imagine working twice as fast!

Intensifier ci is designed for serious power users, and we took your needs seriously. Number crunchers can use the optional 50MHz 68882 math coprocessor. **Intensifier ci** allows the use of fast, high capacity half height 5.25 inch hard drives. Add a 24-bit video card and a QuickDraw accelerator, and you've got a real Dream Machine!

Of course, we still design in the same high quality and compatibility you've come to expect. **Intensifier ci** uses the burst mode of the 68030 to transfer data

through the cache at double speed. It uses a Phase Locked Loop clock driver to eliminate synchronizing cycles, making it even faster! We use low power CMOS throughout the design to keep power consumption at a minimum. Installation is a snap - just plug it in and start enjoying the new speed of your old applications. The board can be turned off at any time.

All of Siclone's products carry a one-year limited warranty, with professional and courteous toll-free telephone support. Siclone's products are distributed through Ingram Micro.

Siclone Sales & Engineering Corp.

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San Jose, California 95134

(800)862-2636

(408)263-8207 (in California)

FAX (408)942-0703



Technical Specifications

Processor

Motorola 68030
operating at 50 MHz.

Optional Coprocessor

Motorola 68882
operating at 50 MHz.

Cache

64K of 15ns Static RAM

Direct Mapped

Burst Mode: 3-1-1-1

Size and Weight

Height	3.50 in (19.4 cm)
(at hard drive)	2.60 in (6.60 cm)
Depth	6.63 in (16.8 cm)
Thickness	0.63 in (1.59 cm)
Shipping Wt.:	1.50 lb (0.68kg)

Operating Environment

Temperature: 5° to 40°C
Humidity: 10 to 90% non-condensing

Installation

Plugs into Macintosh IIci
Cache Connector

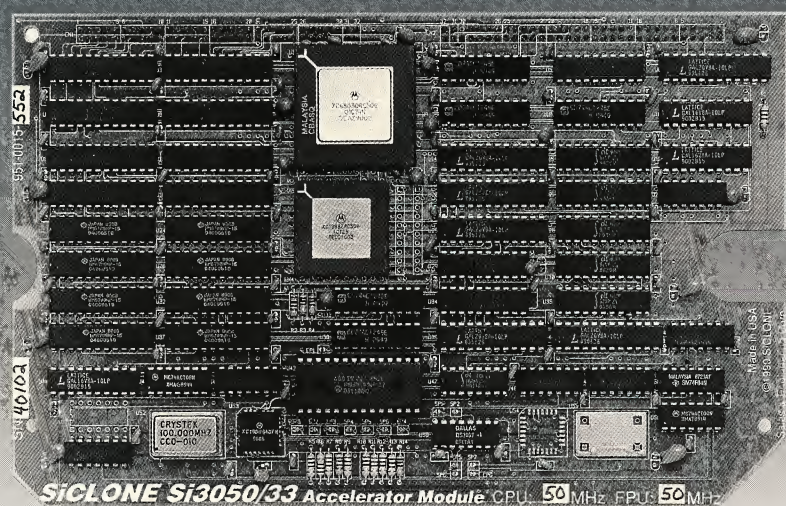
Sidone recommends that installation be performed
by an authorized Apple service technician.

Ordering Information

Intensifier ci
with 68882: 999-2200-00
without 68882: 999-2250-00

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Information, installation and service are available from Sidone dealers
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ACCELERATORS



Siclone accelerator products are the way to get that competitive edge, whether your need is in publishing, multimedia, color prepress, architectural, mechanical or electronic design.

A Siclone accelerator in your Macintosh II or IIx will restore the responsive interface from the time your applications and projects were simpler.

Install an Si3033, Si3040 or Si3050 into your Macintosh II or Macintosh IIx and improve not only your computer's performance, but your own as well.

See deadlines recede into the future as big jobs complete in half the time with Siclone's least expensive offering, the Si3033. Even during the creative phase of the project, the snappy performance of a Siclone accelerator will keep your attention from wandering, enabling you to make the most of your time.

Siclone accelerators for the Macintosh II and Macintosh IIx enhance the speed of your existing computer. Choose the performance level you need from the three versions available:

Si3033™ using a 68030 at 33MHz
Si3040™ using a 68030 at 40MHz
Si3050™ using a 68030 at 50MHz

Each model is available with a 68882 floating point coprocessor which improves the performance of floating point intensive applications such as realistic image rendering, computer aided design, scientific calculations and spreadsheets. For other applications like desktop publishing or database, a fast coprocessor may not be necessary.

Si3033

Si3040

Si3050



Benefits

Siclone accelerators are complete solutions; you don't need higher speed (and higher cost) RAM upgrades to take advantage of the performance of the new high speed processor. All RAM installed on the motherboard (up to 128 Megabytes) can be used by the accelerator. Nor do you need non-standard peripheral cards to replace the ones that you already own.

The Si3033, Si3040 and Si3050 are compatible with all your existing hardware and also protect your software investment because they use the same type of processor, a Motorola 68030, that Apple® Computer uses in all its high performance offerings.

Si3050/Si3040/Si3033

Siclone accelerators use a modular two-card design, an accelerator card and an adaptor card which carries your original CPU and plugs into the main logic board of your computer.

This unique design allows you to run your computer in either accelerated or original speed modes.

All accelerator cards are equipped with the fastest and largest cache memory available on any Macintosh®.

This 64K, direct mapped, burst-mode cache stores recently used information in very fast memory. Since over 90% of the CPU's information needs are served by this cache, your computer doesn't need megabytes of fast and expensive RAM.

Burst-mode operation allows cached information to be loaded into the CPU at twice the speed of competitive designs.

Choose an accelerator card to meet your budget and provide the performance enhancement you need:

Processors

Maximum speed is available with the Si3050, incorporating a 50MHz 68030. This processor is over 3 times as fast as the original processor in your computer, and delivers performance to match.

The 33MHz Si3033 provides twice the performance of the standard 16MHz processor in your machine for the lowest cost.

The Si3040 operating at 40MHz offers higher speeds than the 33MHz version at a lower price than the Si3050.

Coprocessors

All accelerators accept Motorola 68882 floating point coprocessors. If no coprocessor is installed, the accelerator automatically uses the original 16MHz coprocessor in your computer.

Technical Specifications

Processor

Motorola 68030
operating at 50, 40 or 33MHz.

Optional Coprocessor

Motorola 68882
operating at 50, 40 or 33MHz.

Cache

64K of 15, 20, or 25ns Static RAM

Direct Mapped

Burst Mode: 3-1-1-1

Size and Weight

Height: 1.75 in. (4.44 cm)

Width: 8.75 in. (22.2 cm)

Length: 5.75 in. (14.6 cm)

Shipping Wt.: 2.5lbs. (1.13 kg)

Operating Environment

Temperature: 5° to 40°C

Humidity: 10 to 90% non-condensing

Installation

Siclone accelerators replace the original CPU and PMMU (if any.) CPU and PMMU are moved to the adaptor board.

Siclone recommends that installation be performed by an authorized Apple service technician.

Ordering Information

Description	Without 68882	With 68882
Si3050, Macintosh II	999-2010-00	999-2014-00
Si3050, Macintosh IIx	999-2011-00	999-2015-00
Si3040, Macintosh II	999-2020-00	999-2021-00
Si3040, Macintosh IIx	999-2022-00	999-2023-00
Si3033, Macintosh II	999-2003-00	999-2006-00
Si3033, Macintosh IIx	999-2004-00	999-2007-00

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